

# WIRESHARK 3

0.0.0.0	192.168.1.25	128.119.245.12	TCP	54 64705 → 80 [ACK] Seq=1 Ack=1 Win=0
41 1.278862	192.168.1.25	128.119.245.12	TCP	54 64705 → 80 [ACK] Seq=1 Ack=1 Win=0
68 3.104268	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=1 Ack=1 Win=0
160 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=100913 Ack=1
161 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=102325 Ack=1
162 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=103737 Ack=1
163 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=105149 Ack=1
164 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=106561 Ack=1
165 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=107973 Ack=1
166 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=109385 Ack=1
167 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=110797 Ack=1
168 3.550195	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=112209 Ack=1
76 3.104268	192.168.1.25	128.119.245.12	TCP	1466 64705 → 80 [ACK] Seq=11297 Ack=1

[Protocols in frame: eth:ethertype:ip:tcp]  
[Coloring Rule Name: HTTP]  
[Coloring Rule String: http || tcp.port == 80 || http2]  
> Ethernet II, Src: LiteonTe\_e0:ed:b3 (e4:aa:ea:e0:ed:b3), Dst: HuaweiTe\_53:78:6a (94:25:33:53:78:6a)  
> Internet Protocol Version 4, Src: 192.168.1.25, Dst: 128.119.245.12  
▼ Transmission Control Protocol, Src Port: 64705, Dst Port: 80, Seq: 1, Ack: 1, Len: 1412  
Source Port: 64705  
Destination Port: 80  
[Stream index: 3]  
[Conversation completeness: Incomplete, DATA (15)]  
[TCP Segment Len: 1412]

Source ip : 192.168.1.25

Destination ip : 128.119.245.12

Source port number: 64705

Destination port number: 80

▼ Transmission Control Protocol, Src Port: 64705, Dst Port: 80, Seq: 0, Len: 0  
Source Port: 64705  
Destination Port: 80  
[Stream index: 3]  
[Conversation completeness: Incomplete, DATA (15)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 2783065044  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
1000 .... = Header Length: 32 bytes (8)

Sequence number: 0

Acknowledgment number (raw): 0  
1000 .... = Header Length: 32 bytes (8)  
▼ Flags: 0x002 (SYN)  
000. .... = Reserved: Not set  
...0 .... = Accurate ECN: Not set  
...0... .... = Congestion Window Reduced: Not set  
....0... .... = ECN-Echo: Not set  
....0... .... = Urgent: Not set  
....0... .... = Acknowledgment: Not set  
....0... .... = Push: Not set  
....0... .... = Reset: Not set  
▼ ....0... .... = SYN: Set  
....0... .... = Fin: Not set  
[TCP Flags: .....S.]  
112.119.245.12

The SYN bit is set to 1 in the Flag field in the TCP header.

▼ Transmission Control Protocol, Src Port: 64705, Dst Port: 80, Seq: 1, Ack: 1, Len: 1412  
Source Port: 64705  
Destination Port: 80  
[Stream index: 3]  
[Conversation completeness: Incomplete, DATA (15)]  
[TCP Segment Len: 1412]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 2783065045  
[Next Sequence Number: 1413 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3670819300  
0101 .... = Header Length: 20 bytes (5)

The acknowledgment number is 1.

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[TCP Segment Len: 1412]
Sequence Number: 1      (relative sequence number)
Sequence Number (raw): 1018014837
[Next Sequence Number: 1413      (relative sequence number)]
Acknowledgment Number: 587      (relative ack number)
Acknowledgment number (raw): 3838615873
0101 .... = Header Length: 20 bytes (5)
> Flags: 0x010 (ACK)
Window: 16384
[Calculated window size: 4194304]
[Window size scaling factor: 256]
Checksum: 0xa1c7 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
> [Timestamps]
> [SEQ/ACK analysis]
TCP payload (1412 bytes)
[Reassembled PDU in frame: 49]
TCP segment data (1412 bytes)
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The segment data is 1412 bytes.

	Time	Source	Destination	Protocol	Length	Info
	21 1.101351	20.42.73.26	192.168.1.25	TCP	56	443 → 64694 [ACK] Seq=106 Ack=961 Win=16386 Len=0
	240 5.238017	20.42.73.26	192.168.1.25	TCP	56	443 → 64694 [ACK] Seq=212 Ack=3580 Win=16386 Len=0
	16 0.321789	128.119.245.12	192.168.1.25	TCP	54	443 → 64703 [ACK] Seq=1 Ack=778 Win=30848 Len=0
	52 1.327436	128.119.245.12	192.168.1.25	TCP	56	443 → 64703 [ACK] Seq=138 Ack=829 Win=30848 Len=0
	10 0.178854	128.119.245.12	192.168.1.25	TCP	66	443 → 64703 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1412 SACK_PERM WS=128
	13 0.302230	128.119.245.12	192.168.1.25	TCP	54	443 → 64704 [ACK] Seq=1 Ack=714 Win=30720 Len=0
	17 0.481236	128.119.245.12	192.168.1.25	TCP	56	443 → 64704 [ACK] Seq=138 Ack=765 Win=30720 Len=0
	7 0.162042	128.119.245.12	192.168.1.25	TCP	66	443 → 64704 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1412 SACK_PERM WS=128
	44 1.316708	51.104.176.40	192.168.1.25	TCP	1466	443 → 64707 [ACK] Seq=1 Ack=587 Win=4194304 Len=1412 [TCP segment of a reassemb.
	45 1.316708	51.104.176.40	192.168.1.25	TCP	1466	443 → 64707 [ACK] Seq=1413 Ack=587 Win=4194304 Len=1412 [TCP segment of a reassemb.
	46 1.316708	51.104.176.40	192.168.1.25	TCP	1466	443 → 64707 [ACK] Seq=2825 Ack=587 Win=4194304 Len=1412 [TCP segment of a reassemb.
	47 1.316708	51.104.176.40	192.168.1.25	TCP	1466	443 → 64707 [ACK] Seq=4237 Ack=587 Win=4194304 Len=1412 [TCP segment of a reassemb.
	48 1.316708	51.104.176.40	192.168.1.25	TCP	1466	443 → 64707 [ACK] Seq=5649 Ack=587 Win=4194304 Len=1412 [TCP segment of a reassemb.
	56 1.449605	51.104.176.40	192.168.1.25	TCP	56	443 → 64707 [ACK] Seq=7140 Ack=2988 Win=4194816 Len=0
	57 1.452824	51.104.176.40	192.168.1.25	TCP	1466	443 → 64707 [ACK] Seq=7140 Ack=2988 Win=4194816 Len=1412 [TCP segment of a reassemb.
	63 1.528078	51.104.176.40	192.168.1.25	TCP	56	443 → 64707 [ACK] Seq=8671 Ack=2989 Win=4194816 Len=0
	37 1.248685	51.104.176.40	192.168.1.25	TCP	66	443 → 64707 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1412 WS=256 SACK_PERM
	66 2.111113	192.168.1.25	20.42.73.26	TCP	54	64694 → 443 [ACK] Seq=2165 Ack=212 Win=254 Len=0
	242 5.300659	192.168.1.25	20.42.73.26	TCP	54	64694 → 443 [ACK] Seq=3580 Ack=318 Win=254 Len=0